

Amendments to the Specification:

Please replace paragraph numbers 0020, 0026, and 0027 with the following rewritten paragraphs:

[0020] Referring now to Figure 3, metal foil 42 is patterned to segment the electrical interconnection of cells 22 such that the cells 22 can be grouped in a number of ways to provide a suitable current and voltage. Figure 2 Figure 3 shows a number of cells 22 connected in series and a number of wafer locations 45 illustrating an interconnect pattern 46 in such a series string 44. Each series string 44 may include a diode 48 that allows a failed string 44 to be bypassed.

[0026] A number of techniques can be used to modify and/or control the nature of light reflection from a surface 58 of metal foil 42 corresponding to regions 54. The surface 58 can be patterned using etching or mechanical replication methods. For example, surface 58 of foil 42 is patterned as a saw tooth pattern generally indicated at 60 in Figure 4 Figure 2. The saw tooth pattern 60 includes angular sides defining each saw tooth to reflect light to interface 56 for further reflection onto surface 30 of cells 22. Reflection from metal foil 42 can be further enhanced by disposing a reflective coating 66 (see Figure 4 Figure 5) on surface 58. It is also contemplated that a surface of glass substrate 26 corresponding with interface 56 may be etched or patterned to ensure reflection onto surface 30 to trap as much light as possible, as opposed to escaping through the glass. In this manner, total internal reflection is optimized by optimizing the light scattering at interface 56. The patterned glass 26 at interface 56 will also improve adhesion with plastic encapsulant 24.

[0027] Furthermore, it is envisioned, for example, that surface 58 of foil 42 may be etched to include line gratings to increase reflected light onto surface 30 or may include various geometric pitches including interface 56 of glass 26 to obtain the desired reflection back onto surface 30 of each cell 22. It will be recognized by one skilled in the pertinent art that random pitches are also contemplated in addition to the uniform saw tooth pitch illustrated in Figure 4 Figure 2.